

11. $\frac{(2x^4y^{-3}z^{-9})^2}{4x^{-9}y^5z^{10}}$	12. $(4a^2)(5ab^8)^2$
13. $(r^{19}s^{-10}t^{12})^{-2}$	14. $-a^3b^8(5a^4b + 2ab)$

**Part Two:** Please answer each question using complete sentences and algebraic terms. Be sure to ECHO the prompt. The reader should be able to know what the original question was just by reading your answer!

15. Jessica claims that  $(5x^3)^2$  is equivalent to  $25x^6$ . Todd claims that  $(5x^3)^2$  is equivalent to  $10x^6$ . Who is correct? Explain your answer.

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16. How is the Raising Power Products to Powers Rule similar to the distributive property?

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